

From [unclear]

✓
File. 18.34-18 23

Proceedings of the Government of ~~DD~~
H.H. the Maharaja of Mysore.

Read:-- Letter No. 8114-11 dated the 8th August 1934 from the Director of Geology submitting proposals for the posting of Mr. V. T. Venugopal as Assistant Geologist and Mr. T. P. Krishnachar as Sub Assistant Geologist in the vacancy caused by the retirement of Mr. B. Balaji Rao, Assistant Geologist and Superintendent, Government Chrome Mines with effect from 24th October 1934.

89/4/25

By [unclear] DES

2. Correspondence ending with letter No. B. 61/34 dated the 12th Sept., 1934 from the Secretary Board of Management, Mysore Iron Works, furnishing certain information regarding the work of Mr. Venugopal ~~where~~ when he was on duty in the Iron Works since 1924.

3. Letter No. 8114-22 dated the 18th Sept., 1934, from the Director of Geology forwarding, with his recommendation a representation of Mr. T. P. Krishnachar regarding his pay.

4. Government Order No. Fl. 3237-40/S and A 255-34-1 dated the 2nd October 1934 sanctioning revised scales of pay in the departments of Mines and Explosives, and Geology.

Order No. D. *6535-37*

Bangalore, dated the 9th April 1935.

Government are pleased to sanction the

[Signature]

App. F. IX-4

1932-3

File No. 16-32

Previous References

Geol 43-30 (1-14)
" 113-28 (1-4)

(Geol)

Serial Nos. 1-10

Later References

Geol 16-32 (16, 18)

14-33 (1-3)

14-33 (6, 7)

General and Revenue Secretariat.

Geol 242-46-1-6

Reserve -

(62)

Serial Nos. T2m

Part B for Nov. 22

SUBJECT.

Deputation of Mr B. Rama Rao, Assistant Geologist to England and America for higher studies in Geology.

D 1538-9 D 10.10.32

to Secy of Geol.

Comptroller

Sanctioned

62

Serial
No.

1

From the Secy Geol

no 7013-1 d 16 July 1932

Sds a copy of an application from Mr B. Rama Rao, Asst-geologist for foreign deputation and request sanction for his deputation on any one of the following two schemes -

(a) Session of the XVI - International Geological Congress to be held at Washington, U.S.A. in June 1933 as well as some of the time together with a short course on modern Petrological methods at South Kensington, London, which would cost about Rs 6,500/- for one year.

(b) Regular study at London or any other English University to qualify himself for a higher degree after two year's study. This would cost about Rs 9,300/-

1 Subd for order with references available.

[Letter no D 8270 d 10/2/31 is not easily traceable. It will be traced & put up.]

2 In that letter the Secy was requested to

submit necessary proposals at the time of the

193-32

next Budget for making provision therefor.

Geo

22/7/32

Subd. A copy of the letter which has been received from the Secy's office, is put up (copy)

Geo
25/7/32

5 Out of the two alternatives

... suggests the one to attend the Internat

Geo 113-18-32

3
This should be
forwarded & put
up on Monday 25/7/32
without fail.

22/7/32

Geo File No. 16

General and Revenue
of 1932-33 Secretariat

Geological Congress to be held in June 1933
of make the time much some of the typical
Archaean areas of N. America seems
well worth consideration.

to It will be hard to see for the refree
Collection Geo: File No 113-28 of 1928-29
put up with Mr. Rana Rao's ^{foreign} deputat.
Which had been vacated was put off owing
to his deputat to Baroda State.

Dev. Secy)

88
26/7/32

7 "Scheme"
Rule 187 ~~same~~ (para 3 of letter)

is cheaper as its cost is Rs 6500 & may perhaps
be favorably considered (It does not seem to
worth while to increase the emolument to Rs 9300
for obtaining the mere title of Ph. D. as per 2nd Scheme)

I Mr
&
Dewan

Through Fin. Secy

89
27.7.32
15/7

8
There is no provision for this in the
Budget Under the Economy order
foreign deputations have to be
postponed

29.7.32

H. 240.32 A
7.87.32

217

Serial
No.

9 The Geological Department is a technical one and the question of arranging for the efficient manning of it in the future, requires consideration. Mr. Sampat Iyengar had to retire prematurely and his successor Mr. Sen is nearly 52 years old. Of the Assistant Geologists, the most senior is Mr. Balaji Rao and he is older than Mr. Sen being nearly 53 years and his health ~~also~~ has been indifferent for some time past. The next officer is Mr. Rama Rao and he is considered competent by Mr. Sampat Iyengar to hold a higher charge in the Department.

10 In view of what is stated above, I think it is desirable to give Mr. Rama Rao an opportunity of widening his knowledge of geological matters so that he might be better equipped for holding, in due course, a more responsible position in the Department. Dr. Smeeth appears to consider that it would be of much value to Mr. Rama Rao and to the Department if he attends the Congress at Washington and makes a tour through some of the areas of North America, the geological formation of which is stated to resemble that of Mysore. The scheme of study suggested by Mr. Rama Rao appears to be suitable.

The deputation is estimated to cost Rs 6,500/-. The details for this aggregate amount are not furnished. The estimate is

obviously

Serial
No.

obviously exclusive of the pay of Mr. Rama Rao. As the activities of the Department are now somewhat contracted, I don't think it would be necessary to fill up his place if he goes out on deputation. The Congress, it is stated, will be held in June 1933 and accordingly, part of the expenditure of the deputation would have to be incurred this year and part in the next official year. If it is decided to consider favourably the proposal to send him on deputation, the details for the estimate of Rs 6,500/- may be called for with information in regard to what part of this outlay has to be incurred this year and what part next year. The Director may also be asked to state if the part to be provided this year can be met by re-appropriation.

12 Please Submit to Dewan

null
1.8.32

Dewan)

13 2.8.32

14 M

2-7-32

15 Asst-Secplease put up dft. on
the lines of I Eur's instr.

3.8.32

16

3.8.32

draft subd. for approval

4/8/32

Sd/KO
4/8/3217 Please put up
a revised draft

5.8.32

eral and Revenue
Secretariat

9201

File No. 16

of 1932

[App. F. III-2]

Serial
No.

18 Subd with a revised fair draft.

6/8/32

19 For approval

6/8/32

Rev. Secy)

20

Income of R. S.

6/8/32

2 To, the Secy of Govt.

no 3602 d 9/8/32

Calls for certain information required

in para 11 above

2 Expenses during 1932-33.

from the Middle of Nov. 1932 to the
end of June 1933

Rs 4907-13-

Expenses during 1933-34

from the 1st of July 1933 to the

2nd week of August 1933

Rs 2345-2-

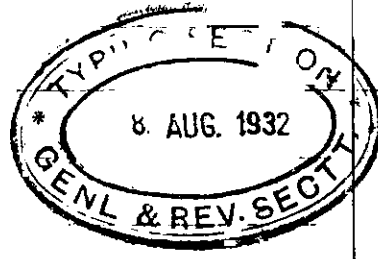
Total Rs 7252-15-

About Rs 753 is in excess of the original
estimate of Rs 6500.

Amount available for
reappropriation in the current year's
budget Rs 3412-0-0

(Rs 1500) has to
The balance of Rs 1912 is met from some
other sources in the current year.

The Secy states that Mr. Rama Rao's
place need not be filled up during the period



Sl 3,
From the Secy of Govt.
no 3613-4 d 13/8/32
Furnishes information
called for in Sl 2
above

NOTE—Contn. Sheet.

Deputation of Mr. Rama Rao, Assistant Geologist

File No. 16

227
610

of 1932

General and Revenue
Secretariat

of his deputation and that ~~there are~~ some items mentioned in the P. U. D. require the special sanction of Govt. in case the deputation is sanctioned

~~Subd for orders with reference to para 11 above the D. U. S. may be consulted~~

~~Subd~~ ~~17/11/32~~ The D. U. recommends that Mr. Rama Rao may be allowed to draw his full pay and considered to be on duty during the deputation period

Subd for orders with reference to para 1 above the D. U. S. may be consulted in the matter

~~Subd~~ ~~17/11/32~~

22 The total expenses are estimated at Rs 7252-15-0 now as against

Rs 6500/- given in the first instance.

Out of this the D. U. states that Rs 4907-13-0 have to be met this year & the balance in 33-34. He calculates that a saving of Rs 2462-4-0 can be expected if the proposals to fill up the Dy. Dist. post suitably

are sanctioned. As there is no ^{such} likelihood

~~of this~~ the savings under salaries will be Rs 6940-19-80 = Rs 3960. This

together with Rs 660/- (savings expected under T/A) plus Rs 290/- added for rounding up in the Budget will be given in all Rs 4910/- just the amount required for Mr. Rama Rao's deputation

Serial
No.

23

In view of this,

if the deputation may perhaps be sanctioned,
~~in view of this~~, and sanction accorded
also to the ~~est~~ items in the estimate
referred to by the D.S. as requiring Special
Sanction

Sec. Secy)

88
18/8/32

24 For appl. or other orders

I Mr
(Am Fin Sec.)

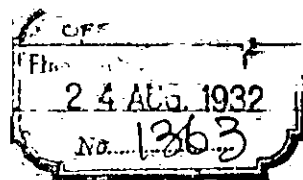
18-8
18/8

25 2503-32 18/8

25
As already stated, In the present state of our
finances all expenditure which is avoidable and could
be postponed has to be put off. If, however, it is
considered absolutely necessary to sanction the deputation
of this officer now, the full amount required for
the purpose may be got by reappropriation by ^{not} sanctioning
officiating arrangements in the vacancies of the Deputy
Director's place referred to in the Assistant Secretary's
note. At A above.

26 In regard to the allowances payable to the officer
during deputation, the rules allow only single fare from
Bangalore to Bombay, no daily allowance at Bombay, and
2nd class B return fare by steamer (and not 2nd Class A
or single fare each way). The daily allowance at America
at 15 dollars per day appears to be high. I understand
that Mr. M.A. Srinivasan was allowed a daily allowance of
10 dollars during his visit to America in 1929. It may be

considered whether it is not possible to reduce the rate of allowance in the present case. It is presumed that the railway fare in England which is mentioned in the statement furnished by the Director is 3rd class fare as ~~th~~ only this is admissible.



23/8/32

27

The Deputation may be ^{24/8} and ^{24/8} ~~implicated~~ ^{may} ~~be~~ ^{make necessary} ~~in~~ ^{arrangements} ~~the~~ ^{for attending the Congress and pursuing} ~~the~~ ^{the studies suggested}

28 There is no likelihood of the Deputy Dir's place being filled up and so the loss of the Deputation this year can be met by ^{suppl}

29 As regards enquiries & ^{consider} ~~consider~~ suggested by 7th Secy the views of the Dir may be obtained.

30 May be ^{supd} to Dewan

~~for approval or disapproval~~

(Dewan)

31 25-8-32

25/8

32 M

5-8-32

33 Early a.c.

18-8

24/8

DEWAN'S OFFICE
25 AUG. 1932

General and Revenue
Secretariat

File No. 16

of 1932

Serial
No.

35

Subd. // This appears to be a common matter
and yes // Two drafts to the con. of the one subd. for
29/8/32 ^{Journal} ~~Journal~~ first order will be put up after
the file is returned from the Council

Deputation
of Officers to
Foreign Countries
is usually treated
as a Council matter

AD

37 Submitted to The Ch. Secy
29/8/32

38 C. S.
30/8/32

39 The proposal that it is what is referred
to as the 1st scheme, - viz. that Mr
Ramu Rao is to spend about 5 or 6 months
in London at the Imperial College of Science;
then attend the Congress in Washington, then
in America for about 6 weeks & then return
to India (It is not necessary that he should
attempt to get higher degrees in England);
2. ^{I don't know whether it is} ~~the~~ view of the Gen. Secy is that
the question of study leave to the officer cannot
not be considered - if that is not feasible
I am agreeable to the deputation; the scale
of allowance being modified on the basis of
the ~~comp~~ Int. Secy's proposal which
are reasonable

40 It is the first Scheme that is proposed to the
Appd

41 The officer proposed to be deputed for
equipping ^{for} ~~for~~ ^{higher} ~~higher~~ changes in the
Dept. I think in the circles of the case
it may be treated as one of deputation
and not of study leave. All possible
allowances in passage & other allowances
may be made

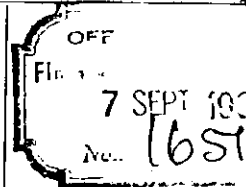
10 Deputation of Mr. B. Rama Rao to
England and America

C49

File No. 16

of 1932

General and Revenue
Secretariat



42 For perusal of Joint Member's minutes
Secd Member 5/9/32

43 For favour of a final order
44 6/9/32

Joint Member) 7/9/32

45 ^{Note} Final order

46 Pending sanction the order may be
submitted against conditions suggested
by Jt Secy. Return to Secy.
may be taken to save something
on this side above

47
A draft to the original order is subd as ordered
by the 1st member above.

80
8/9/32

48 Incd 8/9/32

To, the Jt Secy original
no. 1076 d 8/9/32
Calls for certain information
referred in para 2.6 above

49
S. N. put up
Dewan.)

138

9-9-32 7/9/32

DEWAN'S OFFICE
1607
9 SEP. 1932

For Disposal by Circulation

No. C. 49

of 1932-33

GENERAL AND REVENUE SECRETARIAT.

Council Matter.

Subject

Deputation of Mr. B. Rama Rao, Assistant Geologist,
to England and America.

50 Circulated to the Members of Council.

By Order,

M. A. S. N.
Chief Secretary to Government.

30th August 1932.

51

First Member of Council.

mul 30/8/32

52

Second Member of Council

Please see within for

53 Resub to 1 Member

mul 1/9/32

54 Note note within

mul 2/9/32

*1477
80/8*

*1649
31/8*

*1535
1/9*

Final Note by the First Member of Council.

Subject:—

Deputation of Mr. B. Rama Rao, Assistant Geologist, to England and America for higher studies in Geology.

55 The question of deputing one of the officers of the Geological Department for foreign training is being urged by the Director of Geology from 1929, but it has had to be put off so far for one reason or another. The premature retirement of Mr. P. Sampat Iyengar coupled with the fact that the present two senior most officers in the Department are already nearly 52 years old, has made it necessary to give early consideration to the proposal.

56 The Director of Geology has recommended that Mr. B. Rama Rao, Assistant Geologist, who is the seniormost among the junior officers of the Department, may be deputed to attend the session of the XVI International Geological Congress to be held at Washington in June 1933 as well as to undergo a short course of study on modern petrological methods at the Imperial College of Science, London. It is accordingly proposed to sanction this recommendation, care being taken to keep the expenditure at the minimum.

57 The Dewan and the Second Member have agreed to this proposal and it may be graciously sanctioned.

Bangalore,)
8th. September 1932.)


MEMBER OF COUNCIL.

Submitted to His Highness.

58

*I submit herewith a Final Note by the First
Member of Council regarding the deputation of Mr. B.
Rama Rao, Assistant Geologist, to England and America for
higher studies in Geology
for His Highness gracious approval.*

Mirza M. Ismail
Dewan.

STATEMENT OF CASES SUBMITTED FOR THE ORDERS OF HIS HIGHNESS THE MAHARAJA DURING THE TOUR OUTSIDE THE STATE IN September 1932.....

Register No.	Subject	Orders of His Highness	Order regarding submission of files (vide foot-note)
138	Deputation of Mr. B. Rama Rao, Assistant Geologist, to England and America for higher studies in Geology.	58 143. Approved by His Highness Secretary 13/9/32	C Recd 22/9/32 7.11 23/9/32

NOTE.—The letter a, b or c may kindly be inserted by the Private Secretary to His Highness in the last column to indicate whether
 File may be submitted at once a
 File may be submitted after His Highness' return b
 File may not be submitted at all c

60

Deputation of Mr. B.
Rama Rao, Assistant
Geologist, to England and
America for higher studies
in Geology.

(*)

31. All urgent or confidential files
returned with His Highness' orders may
in the absence of instructions or indi-
cations to the contrary, be ordinarily
circulated to the Members of Council
for perusal after the issue of orders.

33. The Secretaries concerned
should see that orders in the cases re-
ferred to above are issued at once and
that the files are returned immediately
after to the Chief Secretary for circu-
lation to the Members.

34. In all other cases, the files will
first be circulated to the Members of
Council at Headquarters and then sent
to the Secretariat concerned for the
issue of orders.

Circulated to Members of Council for perusal of His
Highness' orders before/after issue of orders. (*
Vide Rules
31, 33 and 34 of the Subsidiary Rules for the conduct of business of
Council in the Manual of Council Rules and Procedure.)

N. K. S. Rao
Chief Secretary to Government.

61

Through the Secretary to Government,

..... *Dev.* Department. *D.*

62

FIRST MEMBER OF COUNCIL. (*See*)

63

SECOND MEMBER OF COUNCIL. *See*

24/9/32

64

Dev. Secy. with Compliments.

25/2/32
24/9

General and Revenue Secretariat

File No. 16

610
957

[App. F. III-2

of 1932-

Serial No.

5

From the office of the Geologist

No 7013-6 d 9/9/32

For further information called for in

the letter

66

Subd with reference to paras 29 and

46 above. Order on the P. U. O.

Subd.

1st member

Intd. B. K. M.

Reference to the Secy is

necessary with previous papers.

Intd M. N. K.

11/9/32

B. M. K.

12/9/32

67

Subd with reference to paras 29 and 46

above. A draft sanctioning is also put

up for approval

80

2/9/32

68 Attention is respectfully invited to the directions of the First member on the P. U. Financial Concurrence is necessary. It is also for orders if the programme outlined on pages 2 & 3 of Mr. Rama Rao's Application may be inserted as an Appendix to the draft order.

KP

2/9/32

The file may be referred to the Secy as advised by the Secy. The rates of Railway fare have to be fixed only after orders are obtained on financial opinion. Pending the

Draft Secy).

2/9/32

20
Feb 43-30-
E

Deputation of Mr B. Rama Rao,
Asst Geol ofist 957

Geol. File No. 16

of 1932

General and Revenue
Secretariat

69 Pending the
issue of formal orders, the Director may, if necessary,
be informed Semi Officially that
the deputation has been sanctioned.
The file has to be referred to
the Hl Secy as per orders of the
Member dated 11-9-32. The
approval of Statement I enclosed
with the Director's letter dated
13-8-32 is for ^{consideration} ~~approval~~ in
the circumstances explained by
him in the P. O. D with the alterations
suggested in paras 2 and 6 thereof. M&K

28/9/32

Devt Secy)

for forwarding him self & necessary

action

W

Fin. Secy)

28-9

71

The rules permit only Single Fare to Bombay.
~~only this may~~ This alone may be given - For meeting
other expenses during the Railway journey he may
be given d.a. in lieu of $\frac{1}{2}$ fare asked for.

72 D.A. may be given for halts at Bombay also,
as in some cases it has been given.

73 ~~Return~~ Return may be given for the
period of the Congress and its connected trips as the
Congress authorities have notified that this amount is
necessary for Return steamer fare to be
paid, as per orders of Member in para 46 above

H: 926.32 28-9.

Ref: Financial
Secy's note at
page 8.

LSM
28-9.

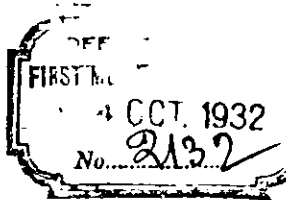
38/9/32

Serial
No.

75-54. A draft will be put up
on the subject above noted.

I. Mr. J. J.

3-10-32



76. Dft. for ahl.

I. Mr. J. J.

3-10-32

Ordinary railway fare from
Bangalore to Nambar may be given. The
reputation puts Mr. Ramakrishna to much
expense and the grant of the tour rate of
fare for three journeys is reasonable.

3-10-32

78

When are the statements referred to
in the preamble and why is no ref
made to 1/5 dollar rate for
Congress period?

79

The statement and programme referred
to in the preamble are flagged N & R
The draft before revisions ordered by
the member stated that the expenses
indicated in the statement will be allowed
subject to the modifications and additions,
the former in accordance with the programme.

File No. 16.

of 1932.

General and Revenue
Secretariat

and the latter with reference to para 6
of O U D The fifteen dollars are
mentioned the statement itself, and
as regards the other halts in America except the Congress ones
there is a slight variation in the
recommendation of the B. G. G. G. G.
order his letter of 13.8.32 ~~as regards the halts~~ ^{vide item 7 on page 2}
~~other than Congress ones in America~~ thereof

80 As the statement was
comprehensive, sanction was
proposed to ~~allow~~ the expenditure
mentioned in it subject to the modification.

81 An alternative draft
in accordance with the Member's
views is also submitted sanctioning
the items on which the Dr requested
special sanction

82 It is for consideration if
the statement may be saved subject
to the change in the steamer fare
and the addition of the journey to
Madras and the specific rate of
5 dollars for halts in connection with
the visit to Canada, as the estimate
contains detailed information in
foreign currency

Subd for orders

First Member)

57/10/32

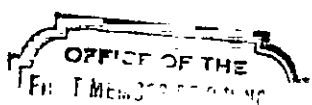
824

Issue advanced to

95A - Draft

appd

10-10-32



2188

Geol

6

957
1350

Serial
No.

X-Gen: 586

85-
For final keep's opinion, please see para 71-74.
Draft of Jawahar.

86
11/10
M

86 For removal of I members' aides
before issue

(Jawahar)

87
12/10

87
12/10
88
18/10

Issued
E

HC
Signed by
Jawahar

6

To, the Hon. Secy
The Comptroller Genl & Co

No. J 15-38-9 dated 10/10/32

Sanction the disbursement of Mr. Rama
Rao to England and America and 15 cos.

7

From the Hon. Secy
No. J 7013-10 dt 13/10/32

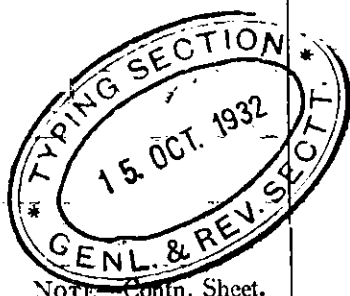
Request, in the cis stated, that Mr.
Rama Rao may be permitted to select
any suitable college either in India or
some other English University within the
limit of the college fees sanctioned in the
fo. in A 6 above.

88 "The proposal of A may be approved
and the work improved accordingly, very
early."

89 M. N. R
14/10/32

90 A draft f.o. is put up for approval

91 Done & submit to
Secy. for removal
15/10/32



NOTE - Contn. Sheet.

File No. 16

of 1932

General and Revenue
Secretariat

From the wing of

No 7013-17 d 18/10/32

Request approval to his action
in having permitted Mr. B. Rama Rao
to book his passage by the P & O. Steamer
leaving Bombay on 29/10/32

Subd. intn reference to para 91 above.
A Draft letter wing of is put up for
approval.

sd KB
18/10/32

1. For removal of fd.
issued up to the para 91
B. Rama Rao
2. Draft ~~letter~~ ^{letter} B. Rama Rao
Act is for approval.

Dev. Secy)

I. M. C.

18/10/32

19/10

19/10

20/10/32

20/10

20/10

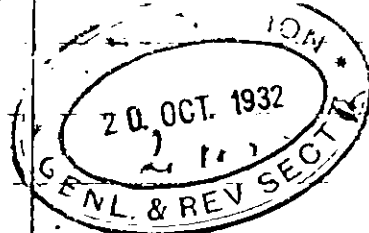
To the wing of

No 7013 dated 21/10/32

Ref. to para 91 above. Request for
approval of his action.

FIRST

OCT 1932
No. 2370



B

9/11/32

CLERK'S BRANCH

M. G. D. 12.]

Geol 16-32-1
GOVERNMENT OF MYSORE

222
GEN. & REV. SECRETARY
18 JUL 1932

DEVELOPMENT BRANCH.

Telegraphic Address:—"GEOL."

MYSORE GEOLOGICAL DEPARTMENT,

16th July 1932

Bangalore, ...

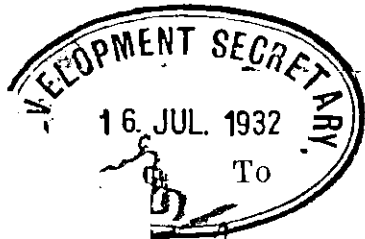
No. 7013-1
Enme

FROM

A.M.Sen, Esq., M.Sc., F.G.S., &c.,

~~EX-SAMBAT IYENGAR, Esq., M.A.,~~

Offg. Director of Geology in Mysore,
Bangalore.



To

D. Sreenivasa Iyengar, Esq., B.A.,

Secretary to the Government of

His Highness the Maharaja of Mysore,

SIR,

Development Department, B a n g a l o r e.

I have the honour to forward herewith copy of an application from Mr. B. Rama Rao, M.A., Assistant Geologist, for foreign deputation for the favourable consideration of Government.

In his letter No.3319, dated 22nd May 1929, Mr. P. Sampat Iyengar, the then Director of Geology, strongly recommended that in the interests of the Mysore Geological Department and for reasons stated therein Mr. B. Rama Rao be sent on deputation to London for a period of two years to qualify himself for a degree or diploma in Geology and Mining from the Imperial College of Science and Technology in London. Unfortunately this question of deputation was deferred by Government in their letter No.D.8270/Geol. - 113-28-5 dated 10th February 1931, on account of the loan of services of Mr. Rama Rao to the Baria State. Even after his return from the Baria State, no further proposals were submitted owing to general financial stress.

3 But in his present application, Mr. Rama Rao has brought forward two schemes for the kind consideration of Government. In the first scheme he wishes to take advantage of the session of the XVIth International Geological

Geological Congress to be held at Washington, U.S.A. in June of 1933. Dr. W.F. Smeeth, our retired Director, in a letter to Mr. Rama Rao has strongly advised him to attend the Congress as well as some of the tours, together with a short course on modern petrological methods at South Kensington, London, if all necessary facilities are provided. This programme of study together with the attending of the Congress and the tours would take up about a year, and it is estimated that it would cost about Rs.6,500/-

4 The second scheme consists of a regular study at London or any other suitable English University where Mr. Rama Rao be able to secure a higher degree after two years' study. He may go up for Ph.D. degree, working on any special branch of Geology, with which may be combined special studies in mining Engineering, suitably applicable to the conditions of the Mysore State. As this scheme would require a stay of two years' residence in London, the approximate cost would be about Rs.9,300/-

I strongly recommend this application of Mr. B. Rama Rao for deputation, as the knowledge and experience gained by him in the western countries would be very useful and beneficial to the interests of the Mysore Geological Department. Early orders of Government are solicited sanctioning the deputation on any one of the above two schemes, as the officer deputed will have to make all necessary arrangements either in America for attending the International Geological Congress or in England where the actual session of work in College commences from the first Monday in October.

I have the honour to be,

Sir,

Your most obedient servant,



Offg. Director,

Mysore Geological Department.

Copy of application dated 6th July 1932 from Mr. B. Rama Rao to Director of Geology in Mysore, Bangalore.

"I beg to request you to kindly forward this, my representation for foreign Deputation, for favourable consideration of Government.

As you are aware, the question of my deputation to England and other countries had to be held up in 1930, due to my services being requisitioned at that time, by the Baria State. Since then there had been no suitable opportunity to renew this question. Now that the 16th International Geological Congress has been decided to be held this time at Washington, U.S.A., in June of next year, I should like to bring to the kind notice of the Govt. this most suitable opportunity which could be taken advantage of to give me the needed benefit of foreign training.

I desire to point out that the Geology and mineral resources of the Lake Superior Archean region are in very many respects quite similar to what we have here in Mysore, and a comparative study of the geology of that area in conjunction with our specimens and slides, under the guidance of Geologists of international repute cannot but have its beneficial influence in widening the sphere of my knowledge and in giving me the confidence to handle with ability the problems peculiar to the Archean rocks of Mysore which still await correct solution. This seems to be the opinion also of Dr. Smeeth (Retired Director of this Department) as is clear from his latest letter to me wherein he writes, "You have shown a great deal of energy and keenness in your work, and isolated as you are in Mysore, it would be of the greatest value to you and the Department for you to attend the Congress at Washington and make the tour through some of the typical Archean areas of N. America with their associated mineral deposits, especially as you would be accompanied by experts thoroughly acquainted with them. A short course on modern petrological methods at South Kensington would also be of great assistance in your work."

Considering the benefits likely to accrue by my attending the Congress and participating in discussion of selected subjects and by joining the arranged tours most suitable to the future needs of this Department if the Government be pleased to sanction this deputation, I propose to pursue the following programme of study:-

4-6 months
12
12

1) Practical training in modern petrological methods, either at the Imperial College of Science, London or under Prof Johannsen at Chicago. A period of 4-6 months training would suffice for ordinary needs, but if permitted I would undergo the full course to qualify myself for a Doctorate Degree. This training, I consider is absolutely essential in writing the Geological History of Mysore.

2) Joining the Tour party for the mining districts of Southern Appalachian and the Mississippi valley. This tour lasts for about 12 days and is arranged before the commencement of the Congress sessions. This will give me an insight into the mining industries of Limestone, Magnesite, Flourspar, Lead and Zinc ores, Manganese ores, Barytes etc.

3) Attending the Sessions of the Congress in sections devoted to the discussion of the topics on

- a Measurement of geologic time
- b) Batholiths and related intrusives
- c) Zonal relations of metalliferous deposits.

This period could also be utilised for discussing and studying under guidance some of the problems relating to Mysore Geology.

4) Joining the Tour party, for the Iron and Copper deposits of Lake Superior region. The duration of this tour is about 12 days and is subsequent to the Congress sessions. This is of considerable importance both from the economic and geologic points of view.

5) A visit to Asbestos deposits of Black Lake region, Canada, to study the mining methods, sorting, classification etc., of the mineral. This has to be arranged independent of the Congress activities.

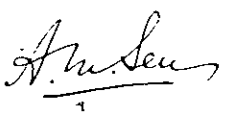
6) Studying the organisation, administration, scope and programme of activities of some of the foremost Geological Departments of U.S.A. This can be done from Washington alone or if necessary by one or two short tours.

The duration of this programme of study would not exceed a year// but if I am desired to qualify myself for a Doctorate the period of deputation may amount to 2 years.

Regarding my claims to pray for this deputation, I have to state that I have put in 17 years of service in the Department and have worked in almost all parts of Mysore. I am not only conversant with the various geological problems peculiar to this State, but also have seen and am familiar with all our mineral deposits, which would enable me to devote special attention to such of the matters as would be of the utmost need for the future work of the department.

Owing to the highly educative value of the organised tours of the Congress, the number of delegates to be admitted in each section is naturally limited and to avoid disappointment the intending participants are required to register their names in advance for the particular branches which they propose joining.

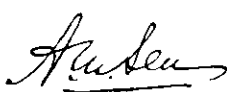
If the Government kindly accede to my request and intend sanctioning this deputation, I would be much obliged if you can kindly get their orders early so as to enable me to register my name for the proposed sections of tours and also to facilitate my joining the College, if possible, at the commencement of the term in October to receive training in modern Petrological methods


16.7.32
Offg. Director,
Mysore Geological Department.

Letter No. D.8270/Geol.113-28-5, dated 10th February 1931,
from the Secretary to Government, Development Departments,
to the Director of Geology in Mysore.

I am directed to invite your kind reference to this office letter No.D.10341/Geol. 113-28-4, dated 19th March 1930 stating that the question of the deputation of Mr. B. Rama Rao, Assistant Geologist, to England and other foreign countries, for undergoing a course of training in the Royal School of Mines for a period of two years, may be deferred for the present on account of the loan of his services to the Baria State for a period of eight months in the first instance commencing from 1st October 1930 - and to request you to be so good as to favour Government with your opinion regarding the deputation of Mr. Rama Rao to England and other foreign countries after his return from Baria in June-next. If you consider that the deputation is desirable, I am to request that necessary proposals may be submitted at the time of framing the next year's budget for making due provision therein for that purpose.

" C O P Y "


Offg. Director, 25.7.32
Mysore Geological Department.


To

1108602
The Offg. Director of Geology,
Bangalore.

Sir,

With reference to your letter No.7013-1,
dated 16th July 1932 regarding the deputation
of Mr. B. Rama Rao, M.A., Assistant Geolo-
gist, I am directed to request you to kindly
submit ~~the~~ details for the estimate of
Rs.6,500/- together with ~~the~~ information as
to what part of this outlay has to be incurred
this year and what part next year.

I am also to ^{State that possible} ~~inquire~~ if the expenditure
~~during this year~~ ^{and} can be met by re-appropriation
of funds from the sanctioned grants
for this year.

In the event of the deputation being
sanctioned, ^{it has been understood} ~~Government do not consider~~ that his
place in the department ^{will not} ~~should~~ be filled up.

An early reply is requested.

I have, etc.,

8-8.
Dev. Secty.
6/8/32

Aga

8/8/32

D. 610

GOVERNMENT OF MYSORE

REV. SECRETARIAT
13 AUG 1932
DEVELOPMENT DEPARTMENT

Telegraphic Address:—"GEOL."

MYSORE GEOLOGICAL DEPARTMENT.

No.

Bangalore, 13th August 1932.

Geol. No. 32 3



A. M. SEN, Esq., M.Sc., F.G.S., etc.,
Offg. Director of Geology in Mysore,
Bangalore.

To

1/3/8

D. Srinivasa Iyengar, Esq., B.A.,
Secretary to the Government of
His Highness the Maharaja of Mysore,
Development Department, B a n g a l o r e.

SIR

With reference to your letter No. D.602/Geol.16-32-2 dated 8/9th August 1932, asking for details for the first estimate of about Rs.6,500/- for the deputation of Mr. B. Rama Rao, Assistant Geologist, I have the honour to submit herewith in a tabular form (Statement 1) a detailed estimate of the expenses likely to be incurred for the deputation during each of the official years 1932-33 and 1933-34.

The expenses during 1932-33 are estimated to be Rs.4907-13-0 and those during 1933-34 are estimated to be Rs. .. Rs.2345-2-0 the total amounting to Rs.7,252-15-0, or about Rs.753/- in excess of the original estimate; this is due to some items being originally left over by oversight, and to fluctuations in the rate of exchange.

The following items in the estimate require the special sanction of Government in the event of the deputation being sanctioned:-

- 1) Railway fare in India to Bombay and back to Bangalore
1½ times 2nd Class rate (to cover luggage & other incidental charges).
- 2) P & O. 2nd Class "A" Sea Passage to London from Bombay; or, Passage to Marseilles and Overland to London.-
- 3) Allowance in London at £20/- per month for six months.

has

- 4) Tuition fees to be paid at the Imperial College of Science, London.
- 5) In U.S.A., tour before the Congress and for the days of the Congress Sessions - for 30 days at 15 dollars per day, as per estimate of the Congress organisation Committee.
- 6) Congress Tour subsequent to the Sessions for 15 days at \$ 15/- per day (as per estimate of the Congress Organisation Committee)
- 7) Halts in excess of the Congress tours and sessions in U.S.A. to study the asbestos deposits at Thetford, Canada, - daily allowance to be at 5 dollars per day, exclusive of railway fare and other conveyance charges.

During the period of this deputation, Mr. Rama Rao may be permitted to draw his full salary and considered to be on duty as specified in the rules governing the deputation of officers to foreign countries, vide paras 3 and 4, Appendix (N) M.S.R.

With reference to the 2nd para of your letter where it is stated that, if possible, the expenditure should be met by - re-appropriation of funds from the sanctioned grants for this year I beg to state that a sum of about Rs.2,462/- might be available for reappropriation in the current year's ^{provisional} budget grants, as probable net saving under the item of salaries in case the officiating arrangements are sanctioned in the existing vacancy of the Deputy Director's place, as recommended in my letter No.6177-7 dated 22nd July 1932 and if Mr. Lakshman Rao is to continue to act as Assistant Geologist. The details of this calculation are shown in the Statement II. From the Travelling allowance, as Mr. B. Rama Rao would be away for the whole of the field season, Rs.660/- would be available. With the sum of Rs.290/- added in the budget for rounding up, the total amount that could be spared towards this expenditure from the Departmental ^{provisional} budget grant will come up to Rs.3412. There will still be a balance of about Rs.1,500/- for this year's expenditure for the deputation which will have to be met from some other source. It is not possible at this early part of the year to reappropriate any more ~~far~~ from other funds of this department as that would seriously affect our activities.

As noted in your letter, during the period of deputation of Mr. B. Rama Rao his place need not be filled up.

I have the honour to be,

Sir,

Your most obedient servant,



Offg. Director,

Mysore Geological Department.
Sen

Bs.13/8

STATEMENT I.

Approximate estimate of expenses for the proposed deputation
of Mr. B. Rama Rao, Assistant-Geologist.

(I) Expenses during the year 1932-33.

Date	Item.	Indian Currency			Foreign currency. £.
		Rs.	As.	p	
Middle of November 1932.	Railway Fare to Bombay, via Guntakal 1½ II Class.	69-	12	- 0	
	2 days Halt at Bombay	8-	0-	0	
	Steamer & Ry. fare to London P & O., II A. Fares.	642 -	0-	0	£ 5 d 48- 0- 0
December '32 to 3rd week of May '33.	6 month's stay at London to undergo a course of prac- tical training in modern petrographic methods &c. at the Imperial College of Science. Allowance @ £20/- P.M.	1,605-	0-	0	120- 0- 0
	Tuition fees for the term	300-	15-	0	22-10- 0
<i>Below class -</i> End of May 1933.	Ry. fare from London to Southampton	13-	6-	0	1- 0- 0
	Steamer fare from South- hampton to New York. II Cl.	401-	4-	0	30- 0- 0
	U.S.A. Head tax	30-	0-	0	£ 8
	Ry. fare from New York to Washington.	112-	8-	0	£ 30
June 1933	Sessional fees for the Congress. ...	37-	8-	0	£ 10
	Tour before the Congress & Congress Sessions. 30 days @ \$ 15/- per day.	1,687-	8-	0	\$450
Total		Rs. 4,907- 13- 0			

2
Statement I.

(II) Expenses during the official year 1933-34

T i m e	- I t e m.	Indian Currency		Foreign Currenc / or £
		Rs.	As. p	
July 1933	Congress tour subsequent to the Sessions. 15 days @ ~~Rs.~~ 15 per day	843-12-	0	~~Rs.~~ 225
July 3rd week.	Washington to Thetford to study the Asbestos deposits. Includes II Class Ry. fare and 3 days halting allowance.	375-	0- 0	~~Rs.~~ 100
August '33 1st week.	Quebec to London.	414-10-	0	£ 31-0-0
do 2nd week	London to Bombay. II Class steamer fare.	642-	0- 0	£ 48- 0-0
	Bombay to Bangalore.	69-12-	0	
	Total	Rs. 2,345-	2- 0	

Expenses during 1932-33	Rs. 4,907-13- 0
,, ,, 1933-34	Rs. 2,345- 2- 0
Total	Rs. 7,252-15- 0

Estimate Approximate:-

£ Sterling calculated at Rs. 13/6/- x 1
 \$ (dollar) ,, Rs. 3/12/- 1

Note:- Unforeseen contingencies such as incidental premiums to enter mines and factories, conveyance charges etc. are not included as they have to be submitted for sanction only after their actual incurrence.

A. M. S.
 Offg. Director,
 Mysore Geological Department.

Statement II.

Probable savings under Salaries.

in the Provisional Budget estimates for 32-33-

Rs. As. p

Savings on account of Mr. P. Sampat Iyengar's retirement, at Rs.600/- p.m. for 11 months.	6,600- 0- 0
Less 10% cut.	660- 0- 0
Balance	5,940- 0- 0

Out of this amount the following items of expenses have to be met with:-

1) Increase in the pay of the Offg. Director at Rs.200/- per month for 11 months.	2,200- 0- 0
Less 10% cut.	220- 0- 0
	1,980- 0- 0

2) Probable cost of acting allowances if the existing officiating vacancy of the Deputy Director's post is filled up as recommended in my letter No.6177-7 dated 22nd July 1932:-

(a) Ag. allowance to Mr. B. Rama Rao as Offg. Dy. Director for 3 months & 25 days at Rs.75/- per month. ..	287- 8- 0
Less 10% cut.	28-12- 0
(a)	258-12- 0
(b) Ag. allowance to Mr. Balaji Rao as Offg. Dy. Director at Rs.100/- p.m. for 7 months & 5 days after his return to duty on the 26th October 1932. ..	716-10- 0
Less 10% cut.	71-11- 0
(b)	645- 0- 0
(c) Ag. allowance to Offg. Asst. Geologist at Rs.60/- p.m. for 11 months (if Mr. Lakshman Rao is to act as Asst. Geologist) ..	660- 0- 0
Less 10% cut.	66- 0- 0
(c)	594- 0- 0

Totals of (a) plus (b) plus (c) = Rs.1,497-12-0

Totals of 1 and 2. Rs.3,477-12-0

Net Savings:- Rs.5,940- 0- 0 (minus) Rs.3,477-12-0

(NET SAVINGS):- = Rs.2,462-4-0

149712

39600.00

A. K. S.

Offg. Director,
Mysore Geological Deptt.

SUBJECT

No.

To

١١١

the

193

Date of issue

Signed by

Submitted to Dev. Secy
for approval.

8/9/32

Send

As instructed by the Asst Secy -
the Dept was not collecting
who ordered that the Dept may
be used with the approval of the Asst

List of enclosures

Copied by

Examined by

Section *fc*

File No. 66-30

Serial No. 4

01096

we are winning!

With reference to your

Letter no 2013-4 d 13/8/32 Ltrh

Encls
1 furnishing a detailed ~~for the estimate~~
amounting to
of Rs 7252-15-0 for the deputation.

Mr. B. Rama Rao, Ant-geologist

to America & I am disited to

State that ~~point out that~~ in regard to the

allowance payable to Mr. Ran

Res. during depuration; the rule

allow only single fare per

Bangalore to Bombay no daily

allowance at Bombay and 2nd.

class B' return fare by steamer

(and not 2nd class A or single
one each way). I am to add that
and not the

daily allowance at America at 15-
dollars per day ~~appears to be~~ ^{is} high
and to enquire whether it is not

possible to reduce the ~~allowance~~ ^{same}
to 10 dollars a day
~~in this case~~ / It is presumed that

the railway fare in England which is

mentioned in the Statement I is 3 sh.

fare as only this is admissible

Return passage ~~will have to be~~ ^{has} taken to effect economy.
~~An early reply is requested~~

Thank you

W. S. G.
8/9/32

An immediate reply ^{is}
Whether the reductions
suggested above may
be effected in the
estimates sent up by
you ^{to} ~~the~~ cost of
deputation will
have to be met
from the savings
under the Directors
pay which will have
to be kept vacant
as there is no ~~likelihood~~ ^{likelihood}
of this post being filled up.

Serial 16-32-4

8th September 2.

D/1076

From

The Secy to Govt, Dev. Deptt

To

The Officiating Director of Geology,

Bangalore.

Sir

With reference to your letter No. 7013-4, dated 13th August 1932 with two enclosures furnishing a detailed estimate amounting to Rs. 7,252-15-0 for the deputation of Mr. B. Rama Rao Assistant Geologist to America, etc., I am directed to state that in regard to the allowances payable to Mr. Rama Rao during deputation, the rules allow only single fare from Bangalore to Bombay, no daily allowance at Bombay and 2nd Class 'B' return fare by steamer (and not 2nd class A or single fare each way). I am to add that daily allowance at America ~~xxxxxxx~~ at 15 dollars per day is high and to enquire whether it is not possible to reduce the same to 10 dollars a day. It is presumed that the railway fare in England which is mentioned in the Statement I is 3rd class fare as only this is admissible. Return passage has to be taken to effect economy. An immediate reply ^{ask} whether the reductions suggested above may be effected in the estimates sent up by you is requested.

I have the honour to be,

Sir,

Your most obedient servant,

B. M. S. K.

For Secretary to Government,
Development Department.

in

For draft

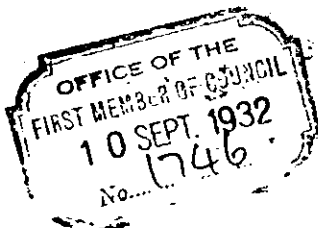
Geol

GOVERNMENT OF MYSORE

Telegraphic Address:—GEO

MYSORE GEOLOGICAL DEPARTMENT

No 20.13-6



Bangalore, 9th September 1932.

957

1.7.1932

FROM

A. M. SEN, Esq., M.Sc., F.G.S., etc.,

Offg. Director of Geology in Mysore,
Bangalore.

D. Srinivasa Iyengar, Esq., B.A.,

Secretary to the Government of

His Highness the Maharaja of Mysore,

Development Department, Bangalore.



I remember

Ref to 7855-2
Necessary with previous papers

With reference to your letter No.D.1096/Geol.16-32-4 dated 8th September 1932, I have the honour to state that Mr. Rama Rao has to take books, rock specimens etc from the Department for his special study. The proposed fare to Bombay of second class is intended to cover the luggage charges and other incidental expenses. In this connection I beg to point out that Mr. C.E. Suryanarayana Rao when he was deputed to South Africa was granted one first class and one second class fare to Bombay and was also allowed the daily allowance for his halts there. (Vide Government order No.D.6330-1/Geol.43-30 dated 17th December 1930). The same concession may also be kindly shown to Mr. Rama Rao as a special case.

12/9/32

2 He may be allowed the II class B Steamer fare to Marseilles, and single II Class railway fare each way for the overland journey from Marseilles to London and back. The steamer fare for the return journey is to be provided for in the budget for the year 1933-34. If return ticket is to be purchased the whole amount has to be paid now alone in advance before the passage is booked.

3 Regarding the daily allowance of 15 dollars per day in the U.S.A., the estimate is as given by the U.S.A. Congress authorities and this cannot be reduced.

5 The railway fare in England as proposed, is of the lower class.

6 Mr. Rama Rao has to go to Madras to obtain visa to his passport from the American Consul. He may be kindly granted the usual single ⁴II class fare for this journey from Bangalore to Madras and back.

Return
Ticket?

Early orders are solicited.

I have the honour to be,

Sir,

Your most obedient servant,



Offg. Director.

Mysore Geological Department

Bs.9/9-

Those who expect to take the C-1 excursion and have special reason for preference of any of the optional trips to be offered are requested to indicate such preferences under "Remarks."

COST

Definite statement of costs is reserved for the next circular. Travel in the United States is expensive, and several of the excursions cover long distances. It is expected, however, that reduced rates will be made to foreign geologists by which the cost of excursions will not exceed \$10 a day for those to be made by bus and \$15 a day for those by rail, including all expenses. Actual cost will be charged to participating geologists from the United States.

*The selected
itinerary
are both by
only rail
Brammer
H. G. G. G.*

GENERAL INFORMATION

Inquiries or proposals relating to the work of the session or to the future activities of the Congress should be addressed to the General Secretary.

Those who receive this circular will be rendering appreciated aid by bringing it to the attention of anyone not receiving it who may be interested in the Congress or in its program.

Circulars to be issued later will present additional details and will record progress in the development of plans for the Congress.

The cable and radio address of the Sixteenth Congress is Intergeol. Washington.

All communications should be addressed to the

GENERAL SECRETARY,

Sixteenth International Geological Congress,

Washington, D. C.

On behalf of the Organization Committee:

WALDEMAR LINDGREN, *Chairman.*

W. C. MENDENHALL, *General Secretary.*

*Recd for the
please place in
file 12/9/32
12/9/32*

SUBJECT.....

Alternative draft

6/10/32

Diary No. of letter replied to.....

Sec *Gen*

File No. *16-32*

Serial No. *6*

General and Revenue Secretariat

the () 192

Proceedings of the Government of
His Highness the Maharaja of Mysore.

Date of issue.....

10/10/32

Read -

Signed by.....

The Secy

Correspondence ending with

letter No. 7013-6 dated 9th September
1932 from the Director of Geology
in Mysore recommending, in the
circumstances explained, that
Mr. B. Rama Rao, Assistant
geologist, may be deputed for
about
Order Thereon No. one year to attend
among other things the Session
of the XVI International Geological
Congress to be held at Washington
U.S.A. in June 1933, and undergo
a short course of study on
modern petrological methods
at the Imperial College of Science
London, as noted in the
programme attached to the
order

May this be

- i Printed?
- ii treated as a standing order?
- iii published in the Gazette,
English Part?
- iv translated?
- v placed at the disposal of the press?
- vi published in the Gazette,
Kannada Part?

R

and stating that the expenditure
is estimated to be about Rs 7252-15-0
as detailed in the annexed statement

Order no. ~~1533-9~~ dated - 1/10/82

Government agree with

the Director that it is desirable

to give Mr. Rama Rao an opportunity
of widening his knowledge of geology
and are, accordingly, pleased to
sanction his deputation to England
and America

The cost of the deputation
during the current year will be
met by reappropriation. The Director
of geology is requested to send a
reappropriation statement verified
by the Comptroller for sanction.

Necessary provision should be made
in the next year's budget on this
account

Mr. Rama Rao will ~~be~~
draw his full salary and be
treated as on duty during this period

He will be allowed -

List of enclosure.

Copied by

Examined by

G. R. S. App F. G. 3.

GENERAL AND REVENUE
SECRETARIAT.

(Continuation sheet draft form.)

P. U. D

T

P. U. D
as notified
24/1/27

T

N

Single 2nd class

railway fare from Bangalore
to Madras and back to

obtain from the American Consul
visa to his passport.

(2) Usual railway fare
from Bangalore to Bombay
and back and daily
allowance during halt at
Bombay

3, Return 1st to 2nd class
'B' Steamer fare from Bombay
to Marseilles and single 2nd
class railway fare each way
for the overland journey
from Marseilles to London and
back

(4) Allowance in London
at £20/- per month for six
months

(5) Tuition fees to be paid
at the Imperial College of Science,
London - £22-10-0

daily allowance of 15 dollars per day in the
U. S. A. for ~~the~~ ^{the} sessions of
the Congress and the tour before and after it
- 45 days -

the Congress and for the days of the
Congress Session for 30 days at
~~15 dollars per day~~,

2) Congress Tour subsequent
to the Session for 15 days at
~~15 dollars~~ dollars per day

3) Daily allowance at
5 dollars per day for meals in
America, in excess of the Congress
hours and sessions, to study
the asbestos deposits at Thetford,
Canada, exclusive of ^{actual} railway
fare and other ^{necessary} conveyance charges.

The Dir of Geol is requested
to obtain and submit to Govt
quarterly reports of Mr. Rama Rao's
~~work~~ progress during the deputation

1884 W. S. S. S.

To, The Dir of Geol in Mysore with the
Statement & Programme

He complies through F.O. with the
Statement & Programme

1884

6/10/72

PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS
THE MAHARAJA OF MYSORE.

Read:—

Correspondence ending with letter No.7013-6 dated 9th September 1932 from the Director of Geology in Mysore, recommending in the circumstances explained that Mr. B.Rama Rao, Assistant Geologist, may be deputed for about one year to attend, among other things, the session of the XVI International Geological Congress to be held at Washington U.C.A., in June 1933 and undergo a short course of study on modern Petrological methods at the Imperial College of Science, London as noted in the programme attached to this order and stating that the expenditure is estimated to be about Rs.7,252-15-0 as detailed in the annexed statement.

Order No. *D 1538-9 / Res 16-32-6*
dated, Bangalore, the *10th* October 1932.

Government agree with the Director that it is desirable to give Mr. Rama Rao an opportunity of widening his knowledge of Geology and are, accordingly, pleased to sanction his deputation to England and America.

The cost of the deputation during the current year will be met by reappropriation. The Director of Geology is requested to send a reappropriation statement verified by the Comptroller for sanction. Necessary provision should be made in the next year's budget on this account.

Mr. Rama Rao will draw his full salary and be treated as on duty during this period.

He will be allowed (1) single 2nd Class Railway fare from Bangalore to Madras and back to obtain from the American Consul, visa to his passport. (2) Usual railway fare from Bangalore to Bombay and back, and daily allowance during halt at Bombay;

(3) Return P & O 2nd Class, 'B' Steamer fare from Bombay to Marseilles and single 2nd class railway fare each way for the overland journey from Marseilles to London and back. (4) Allowance in London at £ 20/- per month for six months; (5) Tuition fees to be paid at the Imperial College of Science, London - £ 22-10-0; (6) Daily allowance not exceeding 15 dollars per day in the U.S.A. in connection with Congress including the Sessions of the Congress and the tours before and after it - 45 days; (7) Daily allowance at 5 dollars, per day for halts in America, in excess of the Congress tours and sessions, to study the asbestos deposits at Thetford, Canada - exclusive of actual railway fare and other necessary conveyance charges.

The Director of Geology is requested to obtain and submit to Government quarterly reports of Mr. Mama Rao's work during the deputation.



For Secretary to Government,

Eg Development Department.

To

The Director of Geology in Mysore with the statement and Programme
The Comptroller to Government, through the Financial Secretariat
with the 'statement' and Programme.

ACH.6.

Statement I.

Approximate estimate of expenses for the proposed deputation of
Mr. B. Rama, Assistant Geologist.

Expenses during the year 1932-33.

to.	Item.	Indian Currency.			Foreign Cur- rency.		
		rs.	as.	p.	£	s.	d.
Middle of November 1932.	Railway fare to Bombay, via Guntakal 1 st 2nd class.	69	12	0			
	2 days halt at Bombay.	8	0	0			
	Steamer & railway fare to London P&O 11 A Fares.	642	0	0	48	0	0
December '32 to 3rd week of May 1933.	6 month's stay at London to undergo a course of practical training in modern petrographic methods &c., at the Imperial College of Science. Allowance @ £ 20/- p.m.	1605	0	0	120	0	0
	Tuition fees for the term	300	15	0	22	10	0
	<i>Lower class</i> Railway fare from London to Southampton ..	13	6	0	1	0	0
End of May 1933.	Steamer fare from South- hampton to New York II Class	401	4	0	30	0	0
	U.S.A. Head tax	30	0	0	£	8	
	Railway fare from New York to Washington.	112	8	0	£	30	
June 1933	Sessional fees for the Congress	37	8	0	£	10	
	Tour before the Congress & Congress Sessions. 30 days @ 15 per day	1687	8	0	£	450.	
Total ..		<u>4,907-13-0</u>					

ACH.6.

P. J. O.

Statement I.

(ii) Expenses during the official year 1933-34

From	To	Item.	Indian Currency Rs. as. p	Foreign Currency £ s. d.
July 1933		Congress tour subsequent to the Sessions 15 days @ \$ 15 per day	843 12 0	\$ 225
July 1933 3rd week.		Washington to Hatford to study the Asbestos deposits. Includes II Class ay. fare and 3 days Halting allowance.	375 0 0	\$ 100.
August 1933 1st week.		Quebec to London.	414 10 0	\$ 31 0 0
do	2nd	London to Bombay II Class steamer fare ..	642 0 0	£ 48 0 0
week.		Bombay to Bangalore.	69 12 0	
Total			2,345 2 0	

Expenses during 1932-33	Rs. 4,907-13-0
" 1933-34	2,345 2 0
Total	7,252 15 0

Estimate approximate :

£ Sterling calculated at Rs. 13/6/-

\$ (dollar) " " 3/12/-

Note - Unforeseen contingencies such as incidental premiums to enter mines and factories, conveyance charges etc., are not included as they have to be submitted for sanction only after their actual incurrence.



For Secretary to Government
Development Department

Programme of study of Mr. B. Rama Rao.

1. Practical training in modern petrological methods, either at the Imperial College of Science, London or under Prof. Johannsen at Chicago. A period of 4-6 months training would suffice for ordinary needs, but if permitted I would undergo the full course to qualify myself for a Doctorate Degree. This training, I consider is absolutely essential in writing the Geological History of Mysore.

2. Joining the Tour party for the mining districts of Southern Appalachian and the Mississippi valley. This tour lasts for about 12 days and is arranged before the commencement of the Congress sessions. This will give me an insight into the mining industries of Limestone, Magnesite, Fluorapatite, Lead and Zinc ores, Manganese ores, Barytes etc.

3. Attending the Sessions of the Congress in sections devoted to the discussion of the topics on

- a) Measurement of geologic time
- b) Batholiths and related intrusives
- c) Zonal relations of metalliferous deposits.

This period could also be utilised for discussing and studying under guidance some of the problems relating to Mysore Geology.

4. Joining the Tour party, for the Iron and Copper deposits of Lake Superior ~~xxxx~~ region. The duration of this tour is about 12 days and is subsequent to the Congress sessions. This is of considerable importance both from the economic and geologic points of view.

5. A visit to Asbestos deposits of Black Lake region, Canada, to study the mining methods, sorting, classification etc., of the mineral. This has to be arranged independent of the Congress activities.

6. Studying the organisation, administration, scope and programme of activities of some of the foremost Geological Departments of U.S.A. This can be done from Washington alone or if necessary by one or two short tours. The duration of this programme of study would not exceed a year.

Copy
m

149
PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS
THE MAHARAJA OF MYSORE.

Read:--

Correspondence ending with letter No.7013-6 dated 9th September 1932 from the Director of Geology in Mysore, recommending in the circumstances explained that Mr. B.Rama Rao, Assistant Geologist, may be deputed for about one year to attend, among other things, the session of the XVIth International Geological Congress to be held at Washington U.S.A., in June 1933 and undergo a short course of study on modern Petrological methods at the Imperial College of Science, London as noted in the programme attached to this order, and stating that the expenditure is estimated to be about Rs.7,252-15-0 as detailed in the annexed statement.

Order No.

D/538-9/52516-82-6

Dated, Bangalore, the 10th October 1932.

Government agree with the Director that it is desirable to give Mr. Rama Rao an opportunity of widening his knowledge of Geology and are, accordingly, pleased to sanction his deputation to England and America.

The cost of the deputation during the current year will be met by reappropriation. The Director of Geology is requested to send a reappropriation statement ^{verified} by the Comptroller for sanction. Necessary provision should be made in the next year's budget on this account.

Mr. Rama Rao will draw his full salary and be treated as on duty during this period.

He will be allowed (1) single 2nd Class Railway fare from Bangalore to Madras and back to obtain from the American Consul, visa to his passport. (2) Usual railway fare from Bangalore to Bombay and back, and daily allowance during halt at Bombay;

(3) Return P & O 2nd Class, 'B' steamer fare from Bombay to Marseilles and single 2nd class railway fare each way for the overland journey from Marseilles to London and back. (4) Allowance in London at £ 20/- per month for six months; (5) Tuition fees to be paid at the Imperial College of Science, London - £ 22-10-0; (6) Daily allowance not exceeding 15 dollars per day in the U.S.A. in connection with Congress including the Sessions of the Congress and the tours before and after it - 45 days; (7) Daily allowance at 5 dollars, per day for halts in America, in excess of the Congress tours and sessions, to study the asbestos deposits at Thetford, Canada - exclusive of actual railway fare and other necessary conveyance charges.

The Director of Geology is requested to obtain and submit to Government quarterly reports of Mr. Rama Rao's work during the deputation.



~~For~~ Secretary to Government
Development Department.

To

The Director of Geology in Mysore with the statement and Programme
The Comptroller to Government, through the Financial Secretariat
with the statement and Programme.

ACH.6.

Statement I.

Approximate estimate of expenses for the proposed deputation of
Mr. B. Rama, Assistant Geologist.

Expenses during the year 1932-33.

Date.	Item.	Indian Currency.			Foreign Currency.		
		Rs.	as.	p.	£	s.	d.
Middle of November 1932.	Railway fare to Bombay, via Guntakal 1½ 2nd class.	69	12	0			
	Rs 2 days halt at Bombay.	8	0	0			
	Steamer & Railway fare to London P&O II A Fares.	642	0	0	48	0	0
December '32 to 3rd week of May 1933.	6 month's stay at London to undergo a course of practical training in modern petrographic methods &c., at the Imperial College of Science. Allowance @ £ 20/- p.m.	1605	0	0	120	0	0
	Tuition fees for the term <i>Lower class</i>	300	15	0	22	10	0
End of May 1933.	Railway fare from London to Southampton ..	13	6	0	1	0	0
	Steamer fare from Southampton to New York II Class	401	4	0	30	0	0
	U.S.A. Head tax	30	0	0	/\$	8	
	Railway fare from New York to Washington.	112	8	0	/\$	30	
June 1933	Sessional fees for the Congress	37	8	0	/\$	10	
	Tour before the Congress & Congress Sessions. 30 days @ \$ 15 per day	1687	8	0	/\$	450.	
Total		<u>4,907-13-0</u>					

ACH.6.

P. J. O

Statement I.

(ii) Expenses during the official year 1933-34

~~Particulars~~	Item.	Indian Currency			Foreign Currency.		
		Rs.	as.	p	£	s.	d.
July 1933	Congress tour subsequent to the Sessions 15 days @ \$ 15 per day	843	12	0	\$	225	
July 1933 3rd week.	Washington to Thetford to study the Asbestos deposits. Includes II Class by. fare and 3 days Halting allowance.	375	0	0	\$	100.	
August 1933 1st week.	Quebec to London.	414	10	0	\$	31	0 0
do 2nd week.	London to Bombay II Class steamer fare ..	642	0	0	£	48	0 0
	Bombay to Bangalore.	69	12	0			
	Total	2,345	2	0			

Expenses during 1932-33	Rs. 4,907-13-0
" 1933-34	2,345 2 0
Total	7,252 15 0

Estimate approximate :

£ Sterling calculated at Rs. 13/6/-

\$ (dollar) " " 3/12/-

Note - Unforeseen contingencies such as incidental premiums to enter mines and factories, conveyance charges etc., are not included as they have to be submitted for sanction only after ~~their~~ their actual incurrence.

B. M. M. M. M. M.
 Joint Secretary to Govt
 Indus Dept

Programme of study of Mr. B. Rama Rao.

1. Practical training in modern petrological methods, either at the Imperial College of Science, London or under Prof. Johannsen at Chicago. A period of 4-6 months training would suffice for ordinary needs, but if permitted I would undergo the full course to qualify myself for a Doctorate Degree. This training, I consider is absolutely essential in writing the Geological History of Mysore.

2. Joining the Tour party for the mining districts of Southern Appalachian and the Mississippi valley. This tour lasts for about 12 days and is arranged before the commencement of the Congress sessions. This will give me an insight into the mining industries of Limestone, Magnesite, Fluorspar, Lead and Zinc ores, Manganese ores, Barytes etc.

3. Attending the sessions of the Congress in sections devoted to the discussion of the topics on

- a) Measurement of geologic time
- b) Batholiths and related intrusives
- c) Zonal relations of metalliferous deposits.

This period could also be utilised for discussing and studying under guidance some of the problems relating to Mysore Geology.

4. Joining the Tour party, for the Iron and Copper deposits of Lake Superior ~~xxxx~~ region. The duration of this tour is about 12 days and is subsequent to the Congress sessions. This is of considerable importance both from the economic and geologic points of view.

5. A visit to Asbestos deposits of Black Lake region, Canada, to study the mining methods, sorting, classification etc., of the mineral. This has to be arranged independent of the Congress activities.

6. Studying the organization, administration, scope and programme of activities of some of the foremost geological Departments of U.S.A. This can be done from Washington alone or if necessary by one or two short tours. The duration of this programme of study would not exceed a year.

“copy”
ho

D.O.Nr. 7013-10

A.M.Sen, Esq., M.Sc., F.G.S., &c

Offg. Director of Geology

file 16-32-7

*Urgent -
The proposal
A may be appd
on
Very early*

*the accordingly
Mysore Geological Department.
Bangalore, 13th Oct. 1932.
10/10/32
1350*

Dear Sir,

I enclose herewith a copy of a letter received by me from Mr. B.Rama Rao, Assistant Geologist, whose deputation to England and America has been kindly sanctioned by Government in their order No:D.1538-9/Geol.16-32-6, dated 10th October-1932. As already explained therein by him, it will take some time for him to interview the University authorities and fix up the College and programme of work in consultation with the professor concerned; and as the Sessions have already commenced from the 1st week of October, he desires to leave Bangalore on the 26th instant and sail from Bombay on the 29th of this month, so that he can commence his work as early as possible.

The sessional fees for post graduate courses used to be £22-10-0 in the Imperial College of Science, London; and this was quoted by me in the approximate estimate of expenses for the deputation. Now it appears that this fee has been raised to £62-10-0, as per enclosed copy of a letter received by me by the last mail. The latest calendar of the London University shows that in some of the other colleges, viz., the University College, the King's College, where there are equal facilities for the proposed training in Advanced Petrology, the sessional fees continue to be £22-10-0. Under these circumstances, I suggest that Mr. Rama Rao may be kindly permitted to select any suitable college either at London or at some other English University where he could get the best of training, within the limit of the fees sanctioned by Government.

In anticipation of your kind sanction, I have permitted him to book his passage by the P & O. steamer leaving Bombay on the 29th instant.

Early orders are solicited.

Yours sincerely,

A. N. Sen

Rajakaryaprasakta

Diwan Bahadur M.N.Krishna Rao, Esq., B.A.,

First Member of Council,

B a n g a l o r e.

Copy of letter No.GP/R dated 16th September 1932 from the Assistant Registrar, Imperial College of Science & Technology, London, to the Director, Mysore Geological Department, Bangalore.

"With reference to your letter of the 11th August and to my reply of the 29th of that month, I have now heard from the Head of the Geology Department who states that the difficulty about Mr. Rama Rao beginning work in his Department in January is that the course in Modern Petrographic Methods will already be in progress. The course begins in October, but the Professor thinks that in view of Mr. Rao's qualifications and official position it might be left to Mr. Rao to catch up the work already done.

The fee for the course will be at the rate of £62.10s. per College Session. If Mr. Rao joins in January the fee will be reduced by one-third. The session extends from October until June. Will you kindly let me know whether Mr. Rao proposes to come to the College, and, if he is coming, please return completed the application form sent herewith.

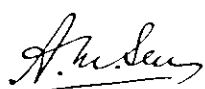
Bs.13/x


Offg. Director.

Copy of letter dated 12th October 1932 from Mr. B. Rama Rao, Assistant Geologist to the Director of Geology in Mysore, Bangalore.

"With reference to your letter No.7013-10 dated 11th October 1932 forwarding to me a copy of the Government order No.D.1538-9/Geol.16-32-6. dated 10th October 1932, I have to state that the regular session of the Colleges in London has already commenced since the first week of this month and as such I desire to commence my practical work in Modern Petrographic methods as early as possible. I learn that the fees in the Imperial College of Science has been raised at present to £62/10/- per session, and in some of the other colleges of London and other English Universities where there are equal facilities to carry on the required programme of study, the fees per session continues to be £22-10-0 as given in your estimate.

As it is likely to take sometime for me to interview the University authorities and fix up the college and the programme of work under the concerned professor, I would be much obliged if you kindly permit me to leave Bangalore on the 26th instant so as to enable me to sail from Bombay on the 29th of this month."


Offg. Director,
Mysore Geological Deptt.

Bs.13/x

SUBJECT

Diary No. of letter replied to

Section *geol*File No. *16-32-7*Serial No. *8*

General and Revenue Secretariat

()

the 193

Proceedings of the Government of
His Highness the Maharaja of Mysore.Date of issue *17/10/1932*

Read—

Signed by *H. B. M. K.*

May this be—

- (i) printed ?
- (ii) treated as a standing order ?
- (iii) published in the Gazette,
English Part ?
- (iv) translated ?
- (v) placed at the disposal of the press ?
- (vi) published in the Gazette,
Kannada Part ?

Govt order No D 15-38-9/

geol 16-32-6 dated 10/10/32
the deputation
sanctioning, among other things,
of Mr. B. Rama Rao, Assistant
geologist, to England and
America for one year ^{and} ~~and~~
certain conditions.
Sub.

Order thereon. ~~No.~~*2 D.O. Letter ~~sent~~ ^{no} 20/12/32*

dated 13/10/32 from the Govt
on y geol stating that the
College fees in the Imperial
College of Science London has
been raised ^{from £21-00} to £ 62-10-0 ^{and}
while
that in some of the other colleges
where there are equal facilities

15/11/32

for the proposed training in
Advanced Pathology, the College
fee ^{continue} ~~remain~~ to be £ 22-10-0

and recommendation under the
circumstances that Mr. Rama

Das may be permitted to select
any suitable College either at London
or at some other English University

where he could get the best of training,
within the limit of the ^{fixed} fee sanctioned
in the Govt order ~~mentioned~~

Order no D/1635 - dated 17/10/32

The Govt's recommendation is
sanctioned

16/10/32
for order by

List of Enclosure.

To, the Secy of Govt
The Comptroller

for

Copied by

Examined by

24

2. D.O. letter No. 7013-10 dated 13th October 1932 from the Offg. Director of Geology stating that the College fees in the Imperial College of Science, London has been raised from £ 22-10-0 to £ 62-10-0 while in some of the other Colleges where there are equal facilities for the proposed training in Advanced Petrology the College fees continue to be £ 22-10-0 and recommending, under the circumstances, that Mr. Rama Rao may be permitted to select any suitable College either at London or at some other English -- University where he could get the best training, within the limit of the tuition fees sanctioned in the Government order read above.

Q1635-6 / ^{17K} 16-32-8

The Director's recommendation is sanctioned.

B Mumburatta

53

The Director of Geology in Mysore.
The Comptroller to Government.

Immediate

No 7013-17

A.L. Sen, Esq., M.Sc., F.G.S.&c. **Mysore Geological Department.**

Offg. Director of Geology. *Bangalore,* 18th October 1932.

File 16-32-9



18th Oct 1932

Dear Sir,
In my D.O. letter No.7013-10 dated 13th inst. to the 1st Member of Council, I also recommended that Mr. B. Rama Rao might be permitted to leave Bangalore on the 26th inst. as he would like to sail on the 29th by the P & O mail steamer leaving Bombay on that date, so that he might join the College as early as possible as the sessions have already commenced from the 1st week of October.

In the recent Government order No. D.1635-6/- Geol.16-32-8 dated 17th October 1932 received to-day, nothing has been mentioned about this point. I have already permitted him, as stated in my previous D.O. letter, to book his passage by that steamer, in anticipation of Government sanction.

Please let me know immediately if this has been formally approved by Government.

Yours sincerely,

A.L. Sen

D.Srinivasa Iyengar, Esq., B.A.,
Secretary to the Government of
His Highness the Maharaja of Mysore,
Development Department, Bangalore.

Bs.18/x

J. 1713

21st October 1932.

Dear Sir,

With reference to your D.O. letter No. 7013-17, dated 18th October 1932, stating that you have permitted, in anticipation of sanction, Mr. B. Rama Rao, Assistant Geologist, to book his passage by the P & O Mail Steamer leaving Bombay on 29th October 1932, I am desirous to state that Government approve of your action.

Yours sincerely,

Sd/- D. Srinivasa Iyengar,

A.M. Sen, Esq., M.Sc., F.G.S., etc.,
Offg. Director of Geology in Mysore.

Memo No. *J. 1714* Bangalore, dated the 21st Octr. '32.

Copy of the above is forwarded with compliments to the Comptroller to Government.

By Order,

J. 1714
For Secretary to Government
Development Department.

SUBJECT

Section *Secd.*File No. *6-3*Serial No. *10*

Diary No. of letter replied to

No. *D. 1713*

To

Mr. The Secy Secd.

General and Revenue Secretariat

()

193

Date of issue

21/10/32

Signed by

Mr. B. Muddukrishna

*in response to your
D.O. letter no 7013-17 dated 18/10/32
stating that you have permitted
in anticipation of sanction,
Mr. B. Rama Rao, Asst. Secy
to book his passage by the
P. & O. Mail Steamer leaving
Bombay ~~Bombay~~ on 29/10/32, I am
desirous to state that I
approve of your action*

List of enclosures

Copied by

Memo No. 5774

Examined by

[Signature]

*Copy to Comptroller
18/10/32
[Signature]*